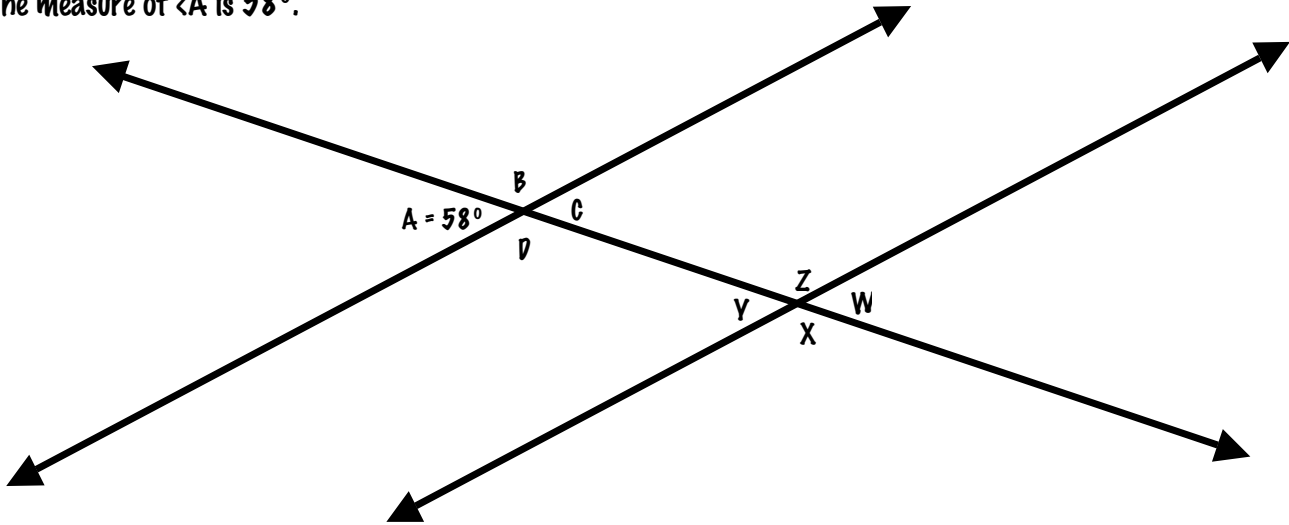


Name _____ Date _____ Hour _____

Finding Missing Angle Measures with Parallel Lines Cut by a Transversal

The measure of $\angle A$ is 58° .



1) What is $m\angle B$?
Explain, using angle relationship vocabulary, how you know.

2) What is $m\angle C$?
Explain, using angle relationship vocabulary, how you know.

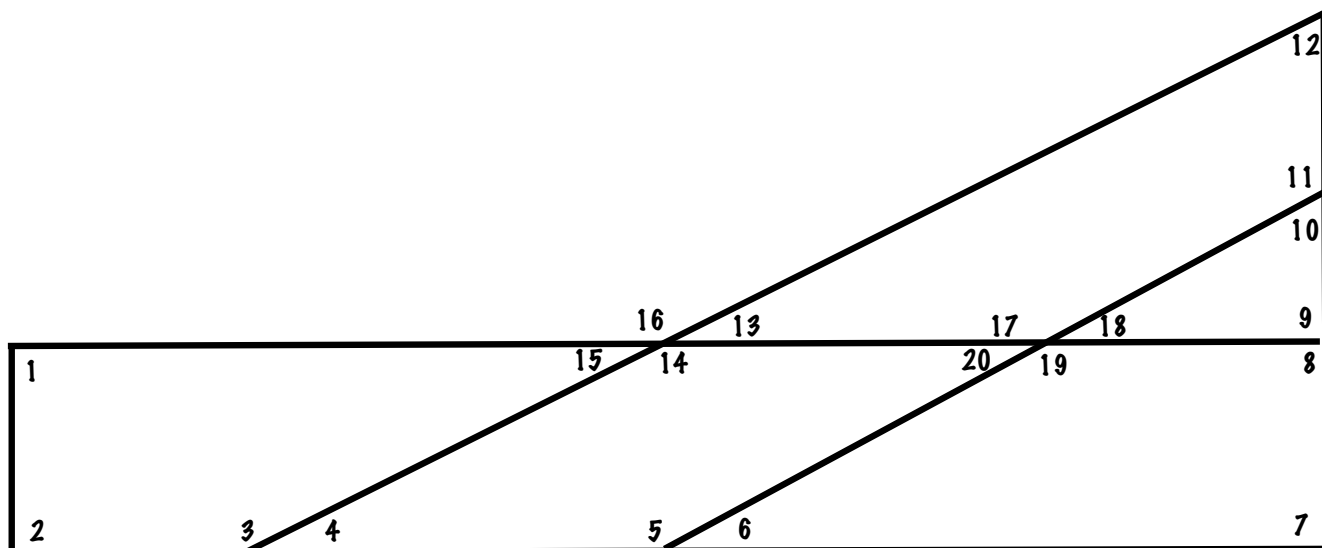
3) What is $m\angle D$?
Explain, using angle relationship vocabulary, how you know.

4) What is $m\angle W$?
Explain, using angle relationship vocabulary, how you know.

5) What is $m\angle X$?
Explain, using angle relationship vocabulary, how you know.

6) What is $m\angle Y$?
Explain, using angle relationship vocabulary, how you know.

7) What is $m\angle Z$?
Explain, using angle relationship vocabulary, how you know.



Given: $m\angle 13 = 44^\circ$

Find the measures of the rest of the angles. Explain, using angle relationship vocabulary, how you know.

8) $m\angle 3 =$ _____ I know this because _____

9) $m\angle 4 =$ _____ I know this because _____

10) $m\angle 5 =$ _____ I know this because _____

11) $m\angle 6 =$ _____ I know this because _____

12) $m\angle 14 =$ _____ I know this because _____

13) $m\angle 15 =$ _____ I know this because _____

14) $m\angle 17 =$ _____ I know this because _____

15) $m\angle 18 =$ _____ I know this because _____